

L3 1 AAB07701/AN

=> S aab07701/an

L4 1 AAB07701/AN

=> all

ALL IS NOT A RECOGNIZED COMMAND

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"HELP COMMANDS" at an arrow prompt (=>).

=> d all

L4 ANSWER 1 OF 1 DGENE (C) 2003 THOMSON DERWENT

Full
Text

AN AAB07701 Protein DGENE
 TI Method of modulating expression of an endogenous cellular gene in a cell
 to prevent gene activation or prevent repression of gene expression
 comprising contacting a target sequence with a zinc finger protein -
 IN Cox G N; Case C C; Eisenberg S P; Jarvis E E; Spratt S K
 PA (SANA-N) SANAGAMO BIOSCIENCES INC.
 PI WO 2000041566 A1 20000720 101p
 AI WO 2000-US409 20000106
 PRAI US 1999-229037 19990112
 PSL Example 2; Page 64-65
 DED 07 NOV 2000 (first entry)
 DT Patent
 LA English
 OS 2000-475918 [41]
 CR N-PSDB: AAA59176
 DESC Zinc finger protein VEGF3a/1 which inhibits VEGF gene.
 KW Zinc finger protein; ZFP; cancer; ischemia; diabetic retinopathy; macular
 degeneration; rheumatoid arthritis; psoriasis; viral infection; sickle
 cell anaemia; Alzheimer's disease; cystic fibrosis; neurodegenerative
 disease; stroke; disease resistance; flavour modification; fruit
 ripening; oil production; crop plant; vascular endothelial growth factor;
 VEGF.
 ORGN Synthetic.
 AB The specification describes a method for modulating expression of an
 endogenous cellular gene in a cell. The method comprises contacting a
 target site in the endogenous cellular gene with a zinc finger protein
 (ZFP). The method is used to inhibit expression of a gene, to activate
 expression of a developmentally silent or inactive endogenous cellular
 gene e.g. EPO, GATA, hemoglobin gamma, hemoglobin delta, an interleukin,
 granulocyte macrophage colony stimulating factor (GM-CSF), eutrophin or
 MyoD. Modulation of gene expression can be used for treating cancer,
 ischemia, diabetic retinopathy, macular degeneration, rheumatoid
 arthritis, psoriasis, viral infection, sickle cell anaemia, Alzheimer's
 disease, cystic fibrosis, neurodegenerative diseases and stroke. ZFPs can
 be used to engineer plants which have increased disease resistance,
 modification of flavours, fruit ripening, yield, colour, and for enhanced
 oil production in crop plants. The ZFPs can also be used in assays to
 determine the phenotypic consequences and function of gene expression.
 The present sequence represents a 6 finger ZFP, which inhibits human
 vascular endothelial growth factor (VEGF) gene.
 AA 2 A; 21 R; 5 N; 4 D; 0 B; 12 C; 10 Q; 7 E; 0 Z; 19 G; 17 H; 7 I; 8
 L; 24 K; 4 M; 8 F; 8 P; 15 S; 14 T; 4 W; 4 Y; 3 V; 0 Others
 SQL 196
 SEQ

1 vpipegkkqh ichiqgcgv ygsedlqrh lrwhtgerpf mctwsycgkr
51 ftrssnlqrh krthtgekkf acpecpkrfm rsdelsrhik thqnkkggg
101 sgkkkqhich iggcgvvygt tsnlrrhlrw htgerpfmct wsycgkrftr
151 ssnlqrhkrt htgekkfacp ecpkrfmsd hlsrhikthq nkkggs

=>

To display a particular field or fields, enter the display field codes. For a list of display field codes enter 'HELP DFIELDs' at an arrow prompt (=>). Examples of formats include: 'TI'; 'AN,TI,KW'; 'HIT,SEQ'; 'PA,ORGN'. The order of the terms in the formats is not important, but information will be displayed in the same order as the format specification. The same formats may be used with the DISPLAY AN command to display the record for a specified accession number.
ENTER DISPLAY FORMAT (BIB):all

L1 ANSWER 1 OF 1 DGENE (C) 2003 THOMSON DERWENT

Full
Text

AN AAB07699 Protein DGENE
TI Method of modulating expression of an endogenous cellular gene in a cell to prevent gene activation or prevent repression of gene expression comprising contacting a target sequence with a zinc finger protein -
IN Cox G N; Case C C; Eisenberg S P; Jarvis E E; Spratt S K
PA (SANA-N) SANAGAMO BIOSCIENCES INC.
PI WO 2000041566 A1 20000720 101p
AI WO 2000-US409 20000106
PRAI US 1999-229037 19990112
PSL Example 1; Page 60
DED 07 NOV 2000 (first entry)
DT Patent
LA English
OS 2000-475918 [41]
CR N-PSDB: AAB07699
DESC Zinc finger protein VEGF1 which inhibits VEGF gene.
KW Zinc finger protein; ZFP; cancer; ischemia; diabetic retinopathy; macular degeneration; rheumatoid arthritis; psoriasis; viral infection; sickle cell anaemia; Alzheimer's disease; cystic fibrosis; neurodegenerative disease; stroke; disease resistance; flavour modification; fruit ripening; oil production; crop plant; vascular endothelial growth factor; VEGF.
ORGN Synthetic.
AB The specification describes a method for modulating expression of an endogenous cellular gene in a cell. The method comprises contacting a target site in the endogenous cellular gene with a zinc finger protein (ZFP). The method is used to inhibit expression of a gene, to activate expression of a developmentally silent or inactive endogenous cellular gene e.g. EPO, GATA, hemoglobin gamma, hemoglobin delta, an interleukin, granulocyte macrophage colony stimulating factor (GM-CSF), eutrophin or MyoD. Modulation of gene expression can be used for treating cancer, ischemia, diabetic retinopathy, macular degeneration, rheumatoid arthritis, psoriasis, viral infection, sickle cell anaemia, Alzheimer's disease, cystic fibrosis, neurodegenerative diseases and stroke. ZFPs can be used to engineer plants which have increased disease resistance, modification of flavours, fruit ripening, yield, colour, and for enhanced oil production in crop plants. The ZFPs can also be used in assays to determine the phenotypic consequences and function of gene expression. The present sequence represents a ZFP, which inhibits human vascular endothelial growth factor (VEGF) gene.
AA 1 A; 11 R; 3 N; 1 D; 0 B; 6 C; 4 Q; 3 E; 0 Z; 9 G; 9 H; 4 I; 4 L; 12 K; 2 M; 4 F; 5 P; 7 S; 8 T; 2 W; 2 Y; 2 V; 0 Others
SQL 99
SEQ
1 vpipegkkkqh ichigggcgkv ygttsnlrrh lrwhtgerpf mctwsycgkr
51 ftrssnlqrh krthtgekkf acpecpkrfm rsdhlrnhik thqnkkgs